

Effect of Ionizing Radiation on Rate of Maturation  
of Mamalian Keticulocytes, by A. C. Samardukova.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 184, No 3,  
Jan 1969, pp 719-722.

Cb

A. C. SAMARDUKOVA

Feb 70

401, 221

Tissue Respiration and Glycolysis in the Supply  
of Energy for Maturation of Mammalian Reticulocytes,  
by A. G. Samardakova,  
RUSSIAN, par., Dok Ak Nauk SSSR, Biol Sci,  
Vol 183, No 1, Nov 1968, pp 241-249.

CB

A. G. Samardakova

Jan 71

The Structure of Metallic Fusions, by A. A. Samarin, 5 pp.  
RUSSIAN, per, Vestnik Akademii Nauk SSSR, Vol 37, No 7, July 1967, pp 59-62.  
JPRS 43071

33

Samarin, A.A.

Sci-Materials  
Nov 67

344,090

The Influence of the Operating Mode of a Vidicon 23  
on its Resolving Power, by N. S. Samarin,  
Sh. Z. Radzhabayev. 8 [P].  
TUSAU, ser. Tekhnika Kino i Televizionika,  
no 4, 1962, p. 39-42.  
KIN/PS/AT-23-340-69

M. P. Samarin  
Sci/electronics  
270

406,608

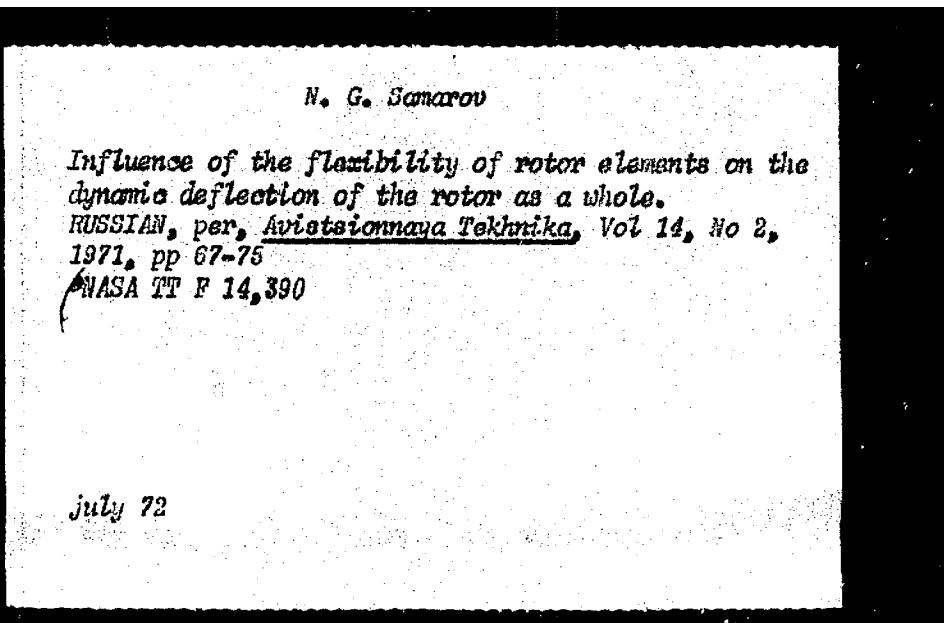
Automatic Focusing of a Vision Beam, by  
N. S. Savarin. 7 pp.  
ISSN, per, Tekhnika Kino i Televiziyya,  
No 12, 1966, pp 48-50.  
AIR/FID-MO-24-344-69

M. S. Savarin  
sci/electronics  
May 70

6

Fishery Reconnaissance Activity in 1964,  
by P. S. Samarin,  
~~RUSSIAN, per, Materialy Sessiy Uchenogo Soveta~~  
~~PINRO po Rezul'tatam Issled v 1964g, No 6,~~  
1966, pp 15-17.  
\*Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

A. S. [Signature]  
USSR  
Econ  
Jun 67



A. A. Samarskiy

Stability of Difference Schemes, by A. A. Samarskiy.  
RUSSIAN, bk, Ustoichivost' Raznostnykh Skhem, 1973.  
WIPST

Jan 73

The Method of Finite Differences for Solving  
One-dimensional Nonstationary Problems of  
Magnetohydrodynamics, by A. A. Samarskiy.

18 pp.

RUSSIAN, per, Zh Vych Mat i Mat Fiz, Vol 8,  
No 5, 1968, pp 1025-1036.

NASA TT F-12,361

a. a. Samarskiy

Sci-Phys  
Nov 69

395,812

Two-Layer Iteration Schemes, by A. A. Samarskiy.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 185, No 5,  
1969, pp 524-527.  
The Am Math Soc  
Vol 10, No 2, Mar-Apr 1969

A. A. Samarskiy

Oct 69

395,447

Method of Finite Differences for Solving  
One-dimensional Nonstationary Problems of  
Magnetic hydrodynamics, by A. A. Samarskiy, et al.  
19 pp.

RUSSIAN, per, Zhurnal Vychislitel'noj Matematiki  
i Matematicheskoy Fiziki, 1968, Vol 8, No 5,  
pp 1025-1038.

FID S-605

A.A. Samarskiy

June 69

383,004

On the Stability of Operator-Difference Schemes, by A. A. Samarskiy.  
RUSSIAN, reprint, 10 July 1967, 9 pp.  
Dept of Navy APL/JBU T-2209

Sci-Math  
Mar 69 376,334

Necessary and Sufficient Conditions For  
Stability of Two-Level Difference Schemes,  
by A. A. Samarskii.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181,  
No 4, 1968, pp 808-811.  
Am Math Society  
Vol 9, No 4, 1968

A. A. SAMARSKIY

Jan 69

371,256

Stability of Difference Schemes in Complex  
Hilbert Space, by A. V. Gulin, A. A. Samarskii.  
ISSIAN, por., Dokl. Akad. SSSR, Vol 101,  
No 5, 1968, pp 102-105.  
An Math Society  
Vol 9, No 4, 1968

A. A. SAMARSKII

Jan 69

371,262

Selection of Iteration Parameters in the  
Method of Alternating Directions For a  
Dirichlet Difference Problem of Higher Order  
of Accuracy, by A. A. Samarskii.  
RUSSIAN, per, Dok Ak Nauk SSSR, Math.,  
Vol 179, No 3, 1968, pp 548-551.  
The American Mathematical Society  
Vol 9, No 2, 1968

A. A. SAMARSKIY

Sci/Math  
Oct 68

363,507

Excitation of Waveguides. II, by A.A. Samarskiy,  
RUSSIAN, per, Zh Tekh Fiz, Vol 17, 1947,  
pp 1431-1440.

AEC-BNL-tr-308

P. A. Samarskiy

Sci-Phys  
Oct 70

Electrolytic Deposition of Black Chromium on  
Metals, by A. G. Samartsev. 1/3  
RUSSIAN, Patent No 188252 (1913/21/22-2) Class 46a,  
5/06, 1965, 20 Oct 1966, pp 1-2.  
•FTD-HT-23-1005-66

Sci-Mat  
Oct 68

A G Samartsev

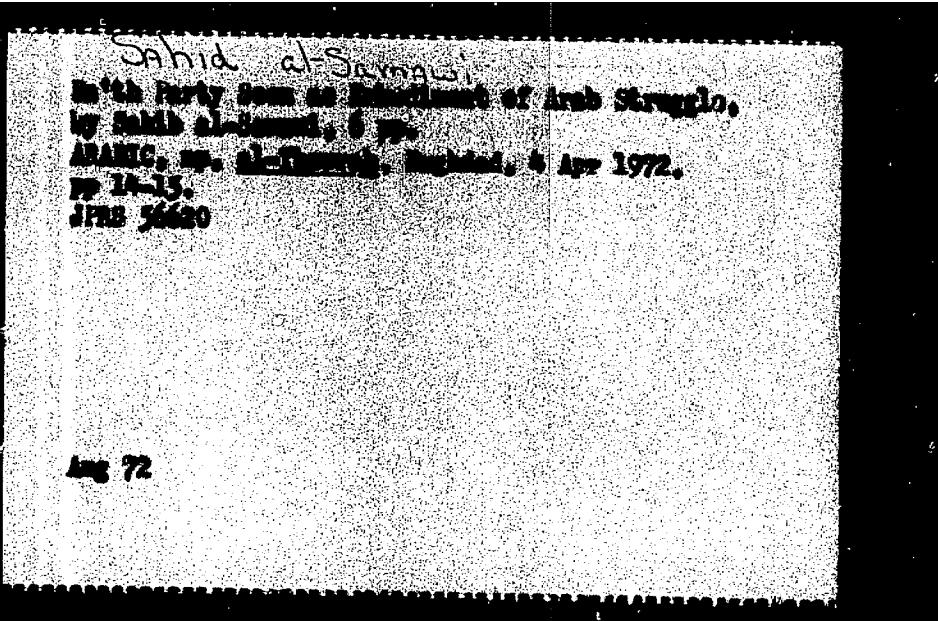
First National Congress of French Revolutionary  
Communist Youth, by Catherine Samary, 6 pp.  
FRENCH, par, Avant-garde Jaunesse, No 5, April  
May 1967, pp. 2-4.  
JPRS 4 363

39

Catherine Samary

WE-France  
Pol  
Jul 67

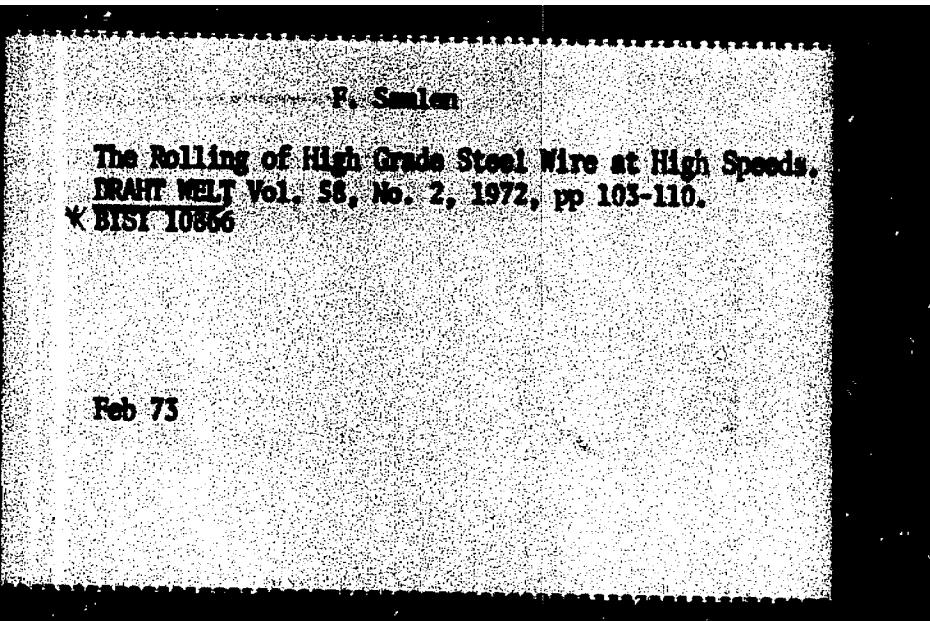
32,706



Sahib al-Samawi

New State Budget and Investment Program  
Compared With Past Years, by Sahib al-Samawi,  
6 pp.  
ARABIC, np, al-Thawrah, Baghdad, 12 Apr 72,  
p 3.  
JPRS 56098

Jun 72



28

Family Rights Among the Mossi of Upper Volta,  
by Diallo Seyni Sambo, 36 pp.

FRENCH, per, Penant, Vol 77, No 715, Jan-Mar  
1967, pp. 13-31; No 716, Apr-Jun 1967, pp. 151-  
165.

JPRS 41949

DIALLO SEYNI SAMBO

Africa  
Soc  
Aug 67

332.735

M. Samborinsky

Advances in the Medical Sciences by  
G. Samborinsky, 5 Nov.  
RUSSIAN, no. 5, MEDICAL SCIENCE INSTITUTE,  
Moscow, 28 Nov 1972, p. 1  
JFRS 50124

Feb 73

G. Samboeskiy

New Specialization Arged in Component Part Manufacture, by G. Samboeskiy, 5 pp.

RUBSLAV, no. 5, Radioelectronics Industry,  
Moscow, 25 June 1972, p. 2.

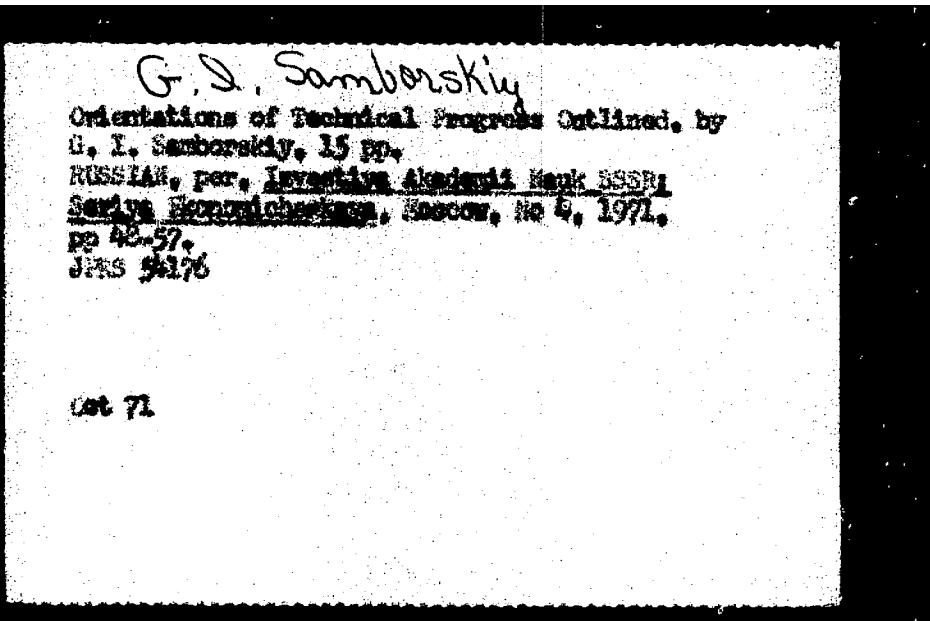
JPRS 35729

Aug 72

G  
Industrial Production for the Benefit of the Consumer,  
by G. Samborskiy, 10 pp.  
RUSSIAN, np, Ekonomicheskaya Gazeta, No 11, 17 Mar 65,  
pp. 5-6.  
JPRS 30036

USSR  
Econ  
May 65

279,380



45

Urine Testing of Cattle, by H. H. Sambeaus.  
OMSAL, ryt, Deutsche Tierärztliche Wochenschrift, 1969, 15 May.  
HLL Ref:5828.4F (N.7749)

H. H. SAMBEAUS

Sci-BM  
Feb 70

401,520

Gabbroization of Granitic Pegmatite in the Chaya  
Gabbro-Peridotite, by S.A. Gurulev,  
K. S. Samboyev.  
RUSSIA, per, Dok Ak Nauk SSSR, Vol 179, No 1,  
1968, pp. 190-193.  
ANI

K. S. Samboyev

Jan. 69

373-371

Leptospiral Ultrasonic Polyvalent Depot-Vaccine,  
by A. S. Samedov, S. G. Kosidayeva, 6 pp.  
RUSSIAN, per, Zhurnal Mikrobiologiy, Epidemiologiy  
i Immunobiologiy, No 12, 1969.  
ARM/FSTC/MI-23-143-71

A. S. Samedov

July 71

The Effect of a Four Week Dwelling Period in a  
Low-pressure Chamber (2200 and 1600 m) on the  
Red Blood Cells, by L. Saneik. 16 pp.

GOVERNMENT USE ONLY

GERMANY, per, Blut, Vol 20, 1970, pp 156-164.  
NASA TT F 13143

L. Saneik

sci/b and n  
jan 70

Proton Relaxation in  $\text{In}^{2+}$  Solutions. Effect of Hyperfine Coupling. Theory I, by D. Sarnas, D. Michel. 35 pp.  
Z. Phys., Annalen der Physik, Vol 18, No 7-8, 1966, pp 353-378.  
AIR/FTD/M-23-1581-67

sci/physics  
car 69

376,615

*D. Sarnas*

108  
Stress Distribution in Hermetic Compression  
Seals, by Y. Sameshima, M. Nishiyama.  
JAPANESE, per, Yogyo Kyokaishi, Vol 73,  
No 7, 1965, pp 156-161.  
NTC 69-10787-11A

*y. Sameshima*

Sci-Nat  
May 69

382,355

Relation of Sound Velocity in Liquid to Its  
Saturated Vapor Pressure, by G. A. Sargin,  
RUSSIAN, per, Zhurnal Fizicheskaya Khimiya,  
Vol XL, 1966, pp 160-461.

\*AEC 115-78

121

Sci-Phys  
Oct 66

Solubility Determinations of Powdered Milk,  
by E. Samhammer, E. Knoop.  
GERMAN, per, Milchwissenschaft, Vol 20, No 2,  
1965, pp 9-73  
CSIRO/No 7537

E. Samhammer

Sci -  
Jul 67                    334,136

Abd al-Sami

Laws and Regulations Governing Confiscation,  
by 'Abd al-Sami' Salim al-Harawi, 13 pp.  
ARARIC, per, al-Amn al-'Am, Cairo, Jul 71,  
pp 53-62.  
JPRS 53966

Sep 71

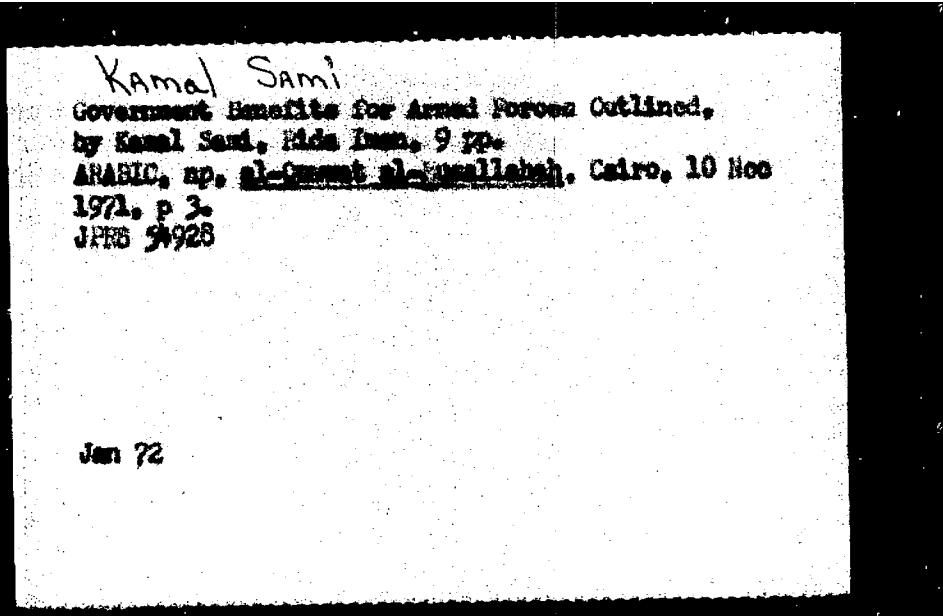
Proposals for Eliminating Illiteracy Given,  
by Faruq Sami, 6 pp.  
ARABIC, np, al-Ummah, Cairo, 14 Nov 1968,  
p 3.  
JPRS 47,155

18

Faruq Sami

DE-UAR  
Edno  
Jan 69

372,423



Conference on Local Administration Discussed  
Yesterday Three Important Proposals for the  
Development of Local Administrative Machinery,  
by Mahmud Sami, 5 pp.  
ARABIC, np, al-Ahram, Apr 20, 1966, p. 7.  
JPRS 35953

32

Mahmud Sami

ME-Egypt  
Econ  
Jul 66

304,619

Challenges of Aswan Dam Project and Conclusions, by Mhsud Sari, 12 pp.  
ARABIC, np, Al-Ahram, No 21626, 26 Apr 1965,  
p. 7.  
JPNIS 30667

ME-Egypt  
Book  
Jan 65

201,976

Growth of the El Nasr Spinning and Weaving Company, by Muhammad Sami and Ahmad Kamil 'Awad, 6 pp.

ARABIC, np, Al-Ahram, 31 Mar 1966, p. 3.  
JPRS 35740

ME-Egypt  
Soc  
Jun 66

301,921

Expeditions in Search of Uranium in the Wadis of the 78  
Desert, by Sa'lid 'Abd al-Ghani and Sa'ad Rifa'i, 1964.  
AWAIC, np, Al-Ahram, 1 Apr 65, p. 5.  
JPRS 32650

Sam

ME-Egypt  
Sel-Sat/Not  
May 65

240, 107

N. S. SAMILKIN

The Effect of Some Trace Elements on the Development of  
Grass Carp Eggs, by N. S. Samilkin,  
BESSTAN, per, Moscow News, Vol. 46, No 8, 1972,  
pp. 29-31.

Dept of Commerce  
NEDS

Jan 73

Yu. Yu. Samitov

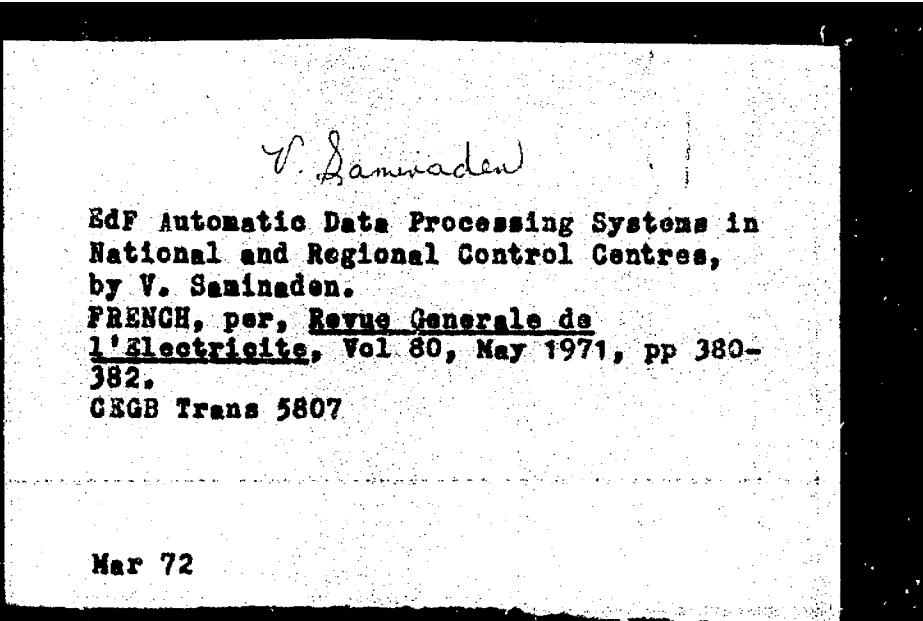
Application of Nuclear Magnetic Resonance in  
Chemistry of Organometallic Compounds, by

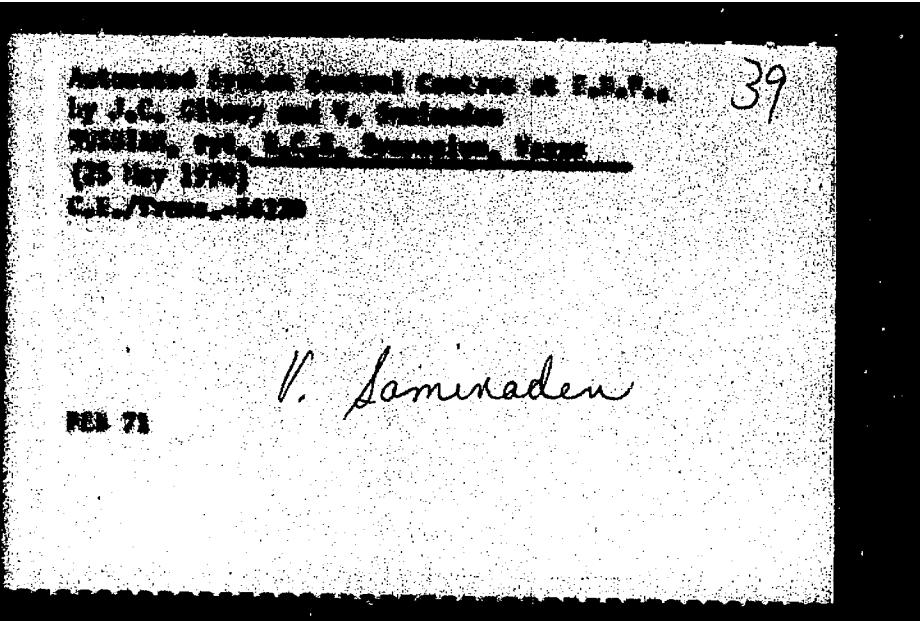
Yu. Yu. Samitov, T. V. Klyova, 35 pp.

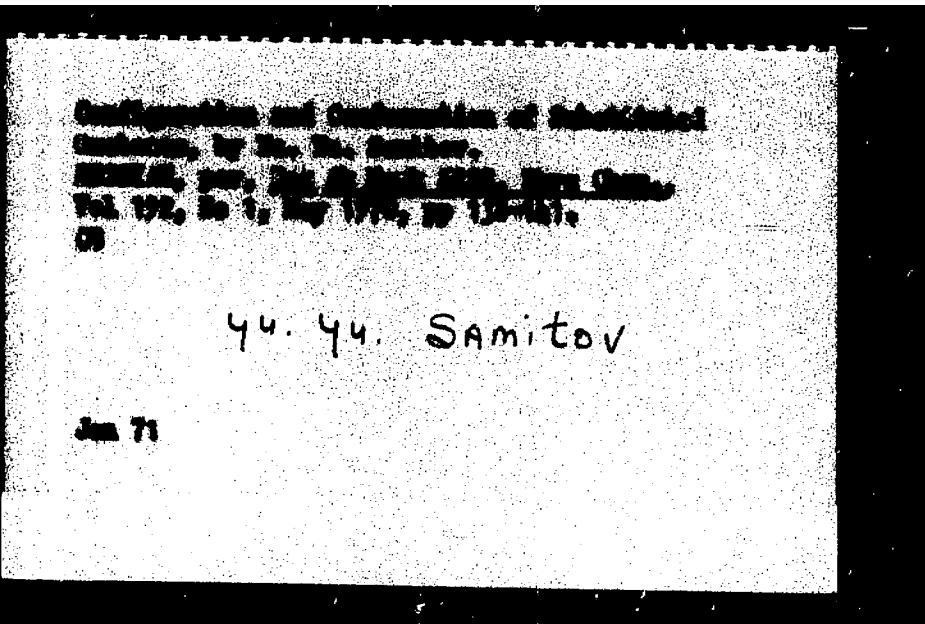
RUSSIAN, bk., Voprosy Katalizika i Organicheskikh Protsessov v Sverkhzadaniyakh, Moscow, 1972, pp. 49-70.

JPRS 57025

Dec 72







Configurations and Conformations of Substituted  
Oxepanes, by Dr. Yu. Smirnov,  
RussIAN, per, Dok Ak Nauk SSSR, Phys Chem., Vol 192,  
No. 1, May, 1970, pp. 138-141.  
CB

*Yu. Yu. Smirnov*

Dec 70

1150 (SC-T-722496) THE THEORY OF CARBON-BLACK FORMATION. Samkhan, L. I.; Tsvetkov, Yu. V.; Petrunichev, V. A.; Glushko, L. K. Translated for Sandia Labs., Albuquerque, N. Mex., from *Kolloid. Zh.*, 33: No. 6, 885-91 (1971). 14p. Dep. NTIS.

chemistry (physiol); translations 07D

MN-4 P NSA

On Closed Form Solvability of Singular Integral  
Equations, by S. G. Samko,  
RUSSIAN, per. Dok. Ak. Nauk SSSR, Vol 189, No 3,  
1969, pp 483-485.  
ANS  
Vol 10, No 6, 1969

S.G. Samko

May 70

Abel's Generalized Equation, Fourier Transform and  
Convolutiontype Equations, by S. G. Samko.  
RUSSIAN, per; Dok Ak Nauk SSSR, Vol 187, No 4,  
1969, pp 743-746.  
The Am Math Soc  
Vol 10, No 4, July-Aug 1969

S. G. Samko

Jan 69

400,068

A General Singular Equation on an Open Curve  
and the Generalized Abel Equation, by  
S. G. Samko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177,  
No 1, 1967, pp 44-47.  
Am Math Soc  
Vol 8, No 6, 1967

S. G. SAMKO

Nov 68

221 681

Abel's Generalized Equation and the Cauchy  
Kernel Equation, by S. G. Samko.  
RUSSIAN, per, Doklady Akademii Nauk SSSR,  
Vol 176, No 5, 1967, pp 1019-1022.  
NASA TT F-11,775

62

Sci  
Dec 60

371,139

2  
USA Experts Review Rural Electrification,  
by Yu. Sezenko, N. Sankov, 9 pp.  
RossIA3, por. Nauchno-tekhnicheskoye  
vystroyonnaya zhurnal, Moscow, No 2, 1969.  
pp 92-103.  
JNIS 48175

M. SAMKOV

USCR  
LCR  
JUL 69

304.315

WAWRYK, R. and SAMOCHWIEC, E. Human chorion  
gonadotrophin.  
Ginek. pol. 40(4):453-9 (1969) (NLL/5828.4F)

Moscow Construction Projects Expanded, by re.  
Sapodayev, 7 pp.  
RUSSIAN, per, Stroitel'naya gazeta, 29 Oct 1967,  
p 2.  
JFNS 43581

93

Sci-Mech, Civil, Ind, Marine Engr  
Jan 68

346,986

Future Construction in Moscow, by Ye. Samodayev, 10 pp.  
RUSSIAN, np. Stroitel'naya Gazeta, 29 Jul 1966,  
pp. 2-3.  
JPRS 37753

10

USSR  
Econ  
Oct 66

Ye. Samodayev,

311.245

Multistable Elements in Computer Engineering  
by, K. G. Samofalov, V.I. Korneychuk, 6 pp.  
RUSSIAN, rpt, Mekhanizatsiya i  
Avtomatzatsiya Upravleniya, 1969,  
pp. 34-37,  
AIR/ETD/RG-23-532-70

40

K. G. Samofalov

FEB 71

I. Samoil

SDome Data on the Performance of Vanadium  
Containing Catalysts, by I. Samoil.  
FRENCH, per, Revista de Chime, vol. 18, no. 7,  
pp. 405-411., 1967.  
NTC 71-12996-07D

July 1971

Dispersion-Fuel Nuclear Reactor Elements, by  
A. G. Samoilov, A. I. Kashtanov.  
RUSSIAN, bk, Dispersionnye Toplovyydel'vayushchie  
Elementy Yadernykh Reaktorov. 1965.  
CRSTI TT 68-50327  
AEC-tr-6878  
UC-80

70

A. G. Samoilov

Sci/Nucl Sci & Tech  
Nov 68

370,273

Optimum Separating Agent, by O. Ya. Samoilov.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 2,  
Sept 1969, pp 398-400.

CB

O. Ya. Samoilov

May 70

407,088

M. O. Samoilov

Efferent Links of Somatosensory Regions of the  
Neocortex With the Hypothalamus in the Cat, by  
M. O. Samoilov.

RUSSIAN, per, Dok Ak Nauk SSSR, Biol Sci., Vol 204,  
No 2, May 1972, pp 510-512.

CB

Feb 73

S. M. Samoilov

Some Features of Radical Copolymerization  
of Ethylene With Vinylacetate (Under  
Pressure) in Presence of Acetaldehyde,  
by S. M. Samoilov.

RUSSIAN, per, Vysokomolekulyarnye  
Soedineniya, Vol 10A, 1968, pp 1749-1754.  
NTC 72-10576-07C

Apr 72

N. S. Samoilova -  
YAKHONTOVA

The Minor Planets, by N. S. Samoilova-Yakhontova.  
RUSSIAN, bk, Malye Planety, 1973, 480 pp.

\*IPST

Sept 72

Destruction of the Latent Photographic Image  
in an Electric Field, by D. M. Samoilovich,  
I. V. Ardashev.

RUSSIAN, per, Dok Ak Nauk SSSR, Fiziki,  
Vol 179, No 1, Mar 1968, pp 59-60.  
The American Institute of Physics  
Vol 13, No 3, Sept 1968.

D.M. SAMOLOVICH

Oct 68

368,381

Special Photographic Emulsion with Controllable  
Sensitivity, by D. M. Samoilovich and  
I. V. Ardashev

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 178, No 6,  
Feb 1968, pp 1296-1297.  
The Am Inst Phys.  
Vol 13, No 2, August 1968

D. M. Samoilovich

Sci-Physics  
Oct 68

366,083

Comparative Hypersensitization of Nuclear Emulsions  
With Triethanolamine and Other Alkaline Sensitizers,  
by D.M. Samoilovich.  
RUSSIAN, per Zh. nauch. Priloz. Fotozr. Kinemat., Vol. 10  
No. 2, 1965, pp 91-93  
GB 131/T 4762

D. M. Samoilovich

Sci -  
Aug 67

339-675

Pressure corrections to the Homogenization  
Temperatures of Aqueous Salt Solutions. 6 p,  
6 ref, by Samoilovich, L.A.  
RUSSIAN, per, Geokhimiya, No 12, 1968,  
pp 1462-9.  
ETC-70-20013

L. A. Samoilovich

Mar 70

403,329

Investigation of Colored Crystals of Synthetic  
Quartz, by M. I. Samoilovich.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 184, No 1,  
Jan 1969, pp 91-93.  
The Am Inst of Phys  
Vol 14, No 1, July 1969

M. I. SAMOLOVICH

Aug 69

389,888

On Approximate Methods of Analyzing the  
Solidification of Castings, by  
Ya. A. Samoilovich, 7 pp.  
RUSSIAN, per, Inzhenerno Fiz Zhur,  
Vol XI, No 5, 1966, pp 651-657.  
CIA/FDD X-6148

Sci - Materials

Mar 67

FOR OFFICIAL USE ONLY

Ya. A. Samoilovich

320,548

On the Occluding of Cyclones, by A. I. Samojlov.  
RUSSIAN, per, Tr Tsent Inst Fizg, No 158, 1966,  
pp. 25-34.  
MLL Ref: 5828.4F(M 7701)

30

A. I. Samojlov

Sci/Atmos  
Dec 69

398,250

Some Peculiarities of Plasma Motions in  
the Earth's Magnetosphere, by  
N. V. Samokhin.  
RUSSIAN, per, Geomagnetizm i Aeronomiya,  
Vol 9, No 1, 1969, pp 16-22.  
Sci & Tech Info Facility  
ST-PF-PFL-10826

54

*N. V. Samokhin*

CIA X-6991

Sci-Astron  
May 69

380,888

On the Longitudinal Electric Field in the 93  
Magnetosphere at Quasimaxwellian Distr-  
bution of Charged Particles, by  
S. V. Samokhin.  
RUSSIAN, per, Kosmicheskiye Issled., Vol 6,  
No 4, 1968, pp 604-610.  
NAS/CSFC/ST-PP-CW-10762  
P910267368-V  
Available CPSTI

*m. v. samokhin*

Sci-Phys  
June 69

384,103

On the Motion of a Charged Particle in the  
Unidimensional Model of Magnetosphere's  
Transitional Layer, by M. V. Samokhin.  
RUSSIAN, per, Kosmicheskiye Issledovaniya,  
Vol V, No 1, 1967, pp 157-159.  
CIA FDU X-6177

FOR OFFICIAL USE ONLY  
Earth Sci  
Ap r 67                    323,026

Influence of the Outer Magnetic Field Upon  
the Shape of the Interface Between Plasma  
Flux and the Plane Dipole Cavity, by  
N. V. Samokhin, 9 pp.  
RUSSIAN, per, Geomagnetizm i Aeronomija,  
Vol VII, No 2, 1967, pp 249-254.  
Sci & Tech Infor Facility  
ST-OM-PF-10590

100

M. V. Samokhin

Sci - Phys  
May 67

324,237

M. V. Samokhin

Quasi-Hydrodynamic Approach to the Problem of Super-  
sonic Plasma Flow Near a Magnetic Dipole, by  
M. V. Samokhin, 10 pp.  
RUSSIAN, rpt, Magn Gidrodin, No 4, 1966, pp 19-25.  
NASA TT F 12600

Nov 71

Oscillations of a Plasma with an Electron beam  
in an External Electric Field, by S. Z. Muratov, 121  
M. V. Samokhin.  
RUSSIAN, per, Iz Pribl Nekhtan i Tekhn Fiz.,  
No 5, 1965, pp 5-8.  
NASA TT F-10,092

M. V. Samokhin

Sci-Elect  
Jun 66

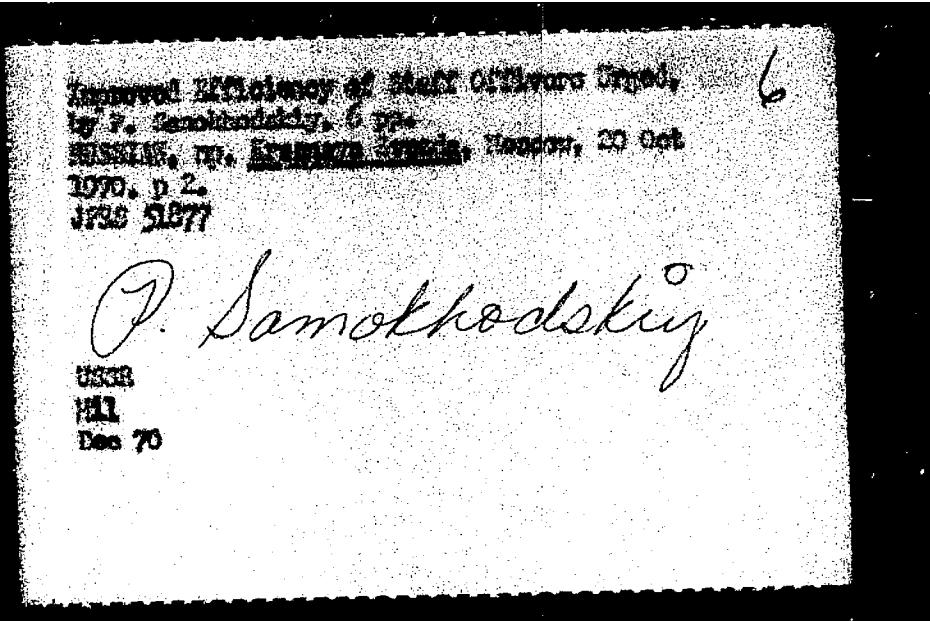
362,028

Systematization of Elastolytic Changes in the 31  
Blood Vessels of the Lung and Histogenesis  
of Elastogranulomas in Rheumatic Heart  
Disease, by P. A. Samokhin,  
RUSSIAN, per, Arkhiv Patologiy, Vol XXVII,  
No 10, 1965, pp 38-44.  
CFSTI TT 66-61997

P. A. Samokhin

Sci-B&M  
Jun 67

327,983



A.A. Samokhvalov

Magnetics and Electrotal Properties of  
Ferromagnetic Semiconductor,  
by A.A. Samokhvalov, 21 pp.  
RUSSIAN, per. Trudy Inst Fiziki Metalov Akad,  
Issue 27, 1968, pp 142-158.  
ACSI-K-2220  
FSTC-HT-23-1643-72

May 72

Exchange Interaction Through Conduction  
Electrons in EuO Doped with Gadolinium,  
by A. A. Samokhvalov, A. Ya. Afanas'yev.  
RUSSIAN, per, Fiz Tverd Tela, Vol 11, No 2,  
1969, pp. 483-484.  
IL (180)-69-406

Aug 69

389,562

A. A. SAMOKHVALOV